

**ELECTRONIC COMPONENT HAVING A RESONATOR AND
FABRICATION PROCESS**

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ABSTRACT

An electronic component (1) includes a substrate (2) and at least two piezoelectric resonators (3, 4) each having an active element (6, 9), a lower electrode (5, 8) and an upper electrode (7, 10). The lower electrode (5) of the first resonator (3) is made of a material that is different from that of the lower electrode (8) of the second resonator (4) such that the resonators exhibit different resonance frequencies.